

SMA Female to BNC Female Adapter



RF Adapters Technical Data Sheet

ET1218

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Configuration

- SMA Female Connector 1
- BNC Female Connector 2

- 50 Ohm
- Straight Body Geometry

Features

- Max VSWR of 1.3:1 up to 4 GHz
- SMA interface compliant with MIL-STD-348A
- BNC interface compliant with MIL-STD-348A
- 50µ in. minimum contact plating
- Gold Plated Beryllium Copper Contact

Applications

Allows Connection Between Series
General Purpose Test

Description

Ebeestock's ET12185 SMA female to BNC female adapter is part of our full line of RF components available for same-day shipping. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors. Our SMA to BNC adapter has a female to female gender configuration. ET12185 SMA female to BNC female adapter operates to 4 GHz. The Ebeestock RF adapter provides good VSWR of 1.3:1 maximum.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Ebeestock also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

ectrical Specifications			
Erequency Range	DC	4	GHz
VSWR		1.3:1	
Operating Voltage (AC)		500	Vrms

Mechanical Specifications

Size	
Length	1.004 in [25.5 mm]
Width	0.492 in [12.5 mm]
Height	0.492 in [12.5 mm]
Weight	0.027 lbs [12.25 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Female to BNC Female Adapter ET12185



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Description	Connector 1	Connector 2
Туре	SMA Female	BNC Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348A	MIL-STD-348A

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Туре	SMA Female		BNC Female	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
		50μ in. minimum		50µ in. minimum
Insulation	PTFE		PTFE	
Outer Conductor			Brass	Nickel
				100μ in. minimum
Body	Brass	Nickel		
		100μ in. minimum		

Environmental Specifications Temperature

Operating Range -65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.



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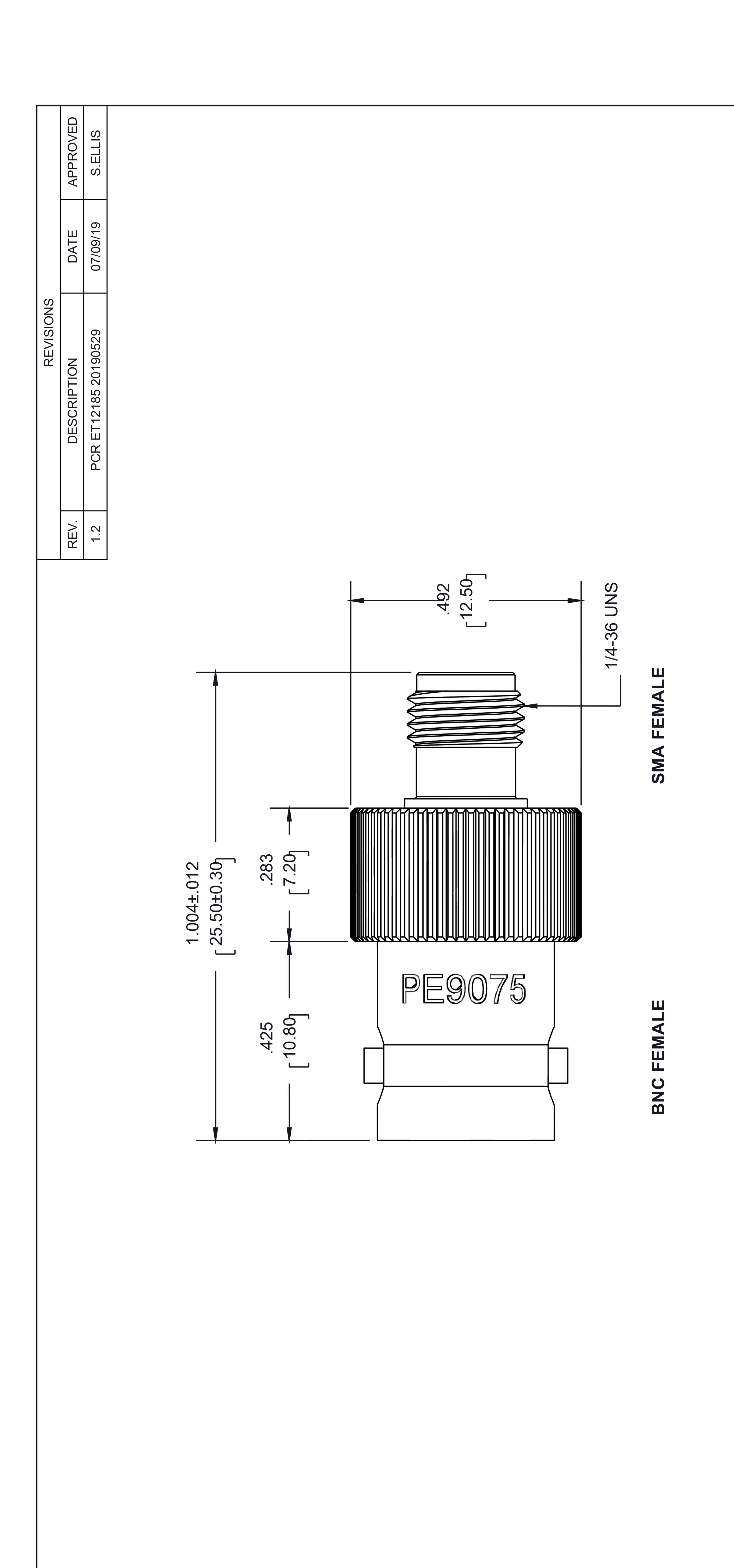
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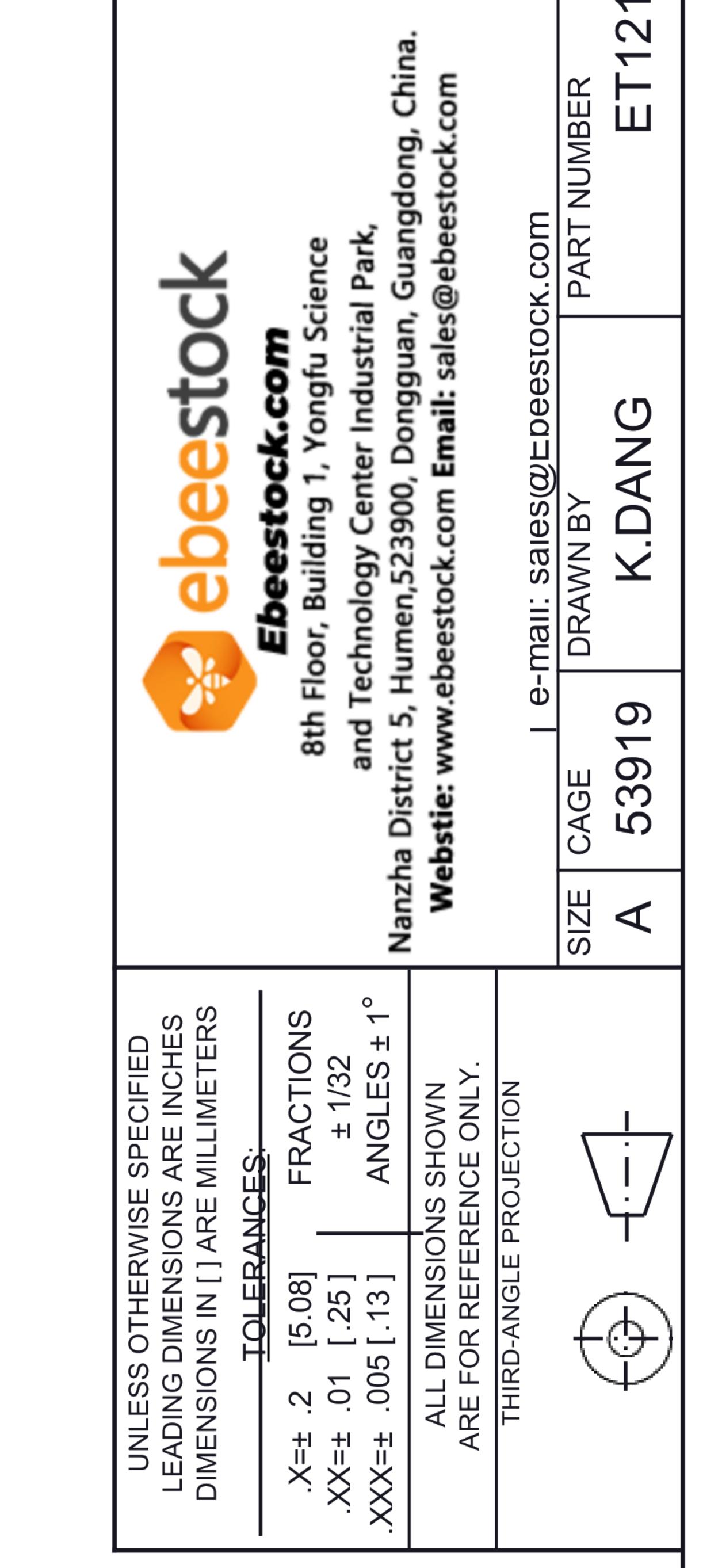
SMA Female to BNC Female Adapter from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Female to BNC Female Adapter ET12185

URL: https://www.ebeestock.com/sma-female-to-bnc-female-adapter-0012185

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.





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